

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/13828

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 C07C67/03 C07C69/54

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BEILSTEIN Data, CHEM ABS Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 072 027 A (KOBAYASHI AKIHIRO ET AL) 10 December 1991 (1991-12-10) column 3, line 60 -column 4, line 62; example 1 ---	1-17
A	EP 0 902 017 A (ROHM & HAAS) 17 March 1999 (1999-03-17) claim 1 ---	1-17
A	EP 0 968 995 A (MITSUBISHI GAS CHEMICAL CO) 5 January 2000 (2000-01-05) cited in the application claim 1; example 1 ---	1-17

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the international search

16 May 2003

Date of mailing of the international search report

28/05/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Kleidernigg, O

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/13828

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5072027	A	10-12-1991	JP	2101042 A		12-04-1990
			JP	2101043 A		12-04-1990
			JP	2101044 A		12-04-1990
EP 0902017	A	17-03-1999	AU	743962 B2		14-02-2002
			AU	8186598 A		11-03-1999
			BR	9803260 A		02-05-2000
			CN	1218023 A		02-06-1999
			DE	69811802 D1		10-04-2003
			EP	0902017 A1		17-03-1999
			JP	11171831 A		29-06-1999
			US	6509494 B1		21-01-2003
			ZA	9807780 A		01-03-1999
EP 0968995	A	05-01-2000	JP	2000016966 A		18-01-2000
			DE	69902609 D1		02-10-2002
			DE	69902609 T2		30-01-2003
			EP	0968995 A1		05-01-2000
			KR	2000011362 A		25-02-2000
			US	6147252 A		14-11-2000